

METHOD AND APPARATUS OF REDUCING SCAN POWER IN THE
PROCESS OF UNLOADING AND RESTORING PROCESSOR CONTENT BY SCAN
CHAIN PARTITION AND DISABLE

ABSTRACT

5 A method and an apparatus are provided for reducing scan power consumption when unloading and restoring content of a processor. The processor has one or more scan chains. First, at least one scan chain is partitioned into a plurality of segments. Second, one of the segments is scanned at a time.